

CLAIMS

What is claimed is:

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1. A child carrier passenger system for bicycles, said system comprising:

a frame member;

a child seat attached to said frame member;

a mechanism for engaging onto a bicycle handlebar stem; said mechanism is

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attached to a first end of said frame member; and

a rear clamp for attachment to a seat post of a bicycle; said rear clamp

attached to a second end of said frame member.

2. The child carrier passenger system of claim 1 wherein said mechanism for engaging onto a bicycle handlebar stem includes:

a substantially "U" shaped open ended yoke for engagement around the handlebar stem of most bicycles.

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3. The child carrier passenger system of claim 1 wherein said mechanism for engaging onto a bicycle handlebar stem includes:

a substantially "U" shaped open ended yoke for engagement around the handlebar stem of most bicycles; and

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a protective coating on said front yoke to minimize scratching of the handle bar stem.

4. The child carrier passenger system of claim 1 wherein said rear clamp includes:

a vertical swivel to enable said frame member to be attached to most bicycle seat posts regardless of the angle of the seat post.

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5. The child carrier passenger system of claim 1 wherein said rear clamp includes:

a quick release mechanism to enable said system to be quickly attached to a bicycle and removed from the bicycle.

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6. The child carrier passenger system of claim 1 wherein said system includes:

a harness system attached to said seat to secure a child in said seat.

7. The child carrier passenger system of claim 1 wherein said system includes:

a five point harness system attached to said seat to secure a child in said seat.

8. The child carrier passenger system of claim 1 wherein said system includes:

a foot rest for a child secured in said seat.

9. The child carrier passenger system of claim 1 wherein said system includes:

an adjustable foot rest for a child secured in said seat.

10. The child carrier passenger system of claim 1 wherein said system includes:

a handlebar system for the child.

11. The child carrier passenger system of claim 1 wherein said system includes:

a handlebar system for the child; and

a toy mounted on said handlebar system.

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12. The child carrier passenger system of claim 1 wherein said system includes:

an adjustable length frame member.

13. A method for using a child passenger system having a front engagement mechanism, a central frame member, a child's bicycle seat attached to said central frame member and a rear clamp, said method comprising the steps of:

engaging said front engagement mechanism onto a handlebar stem of a bicycle;

attaching said rear clamp to the seat post of the bicycle; and

securing a child in said child's bicycle seat.

14. The method of claim 13 wherein said step of engaging said front engagement mechanism onto a handlebar stem of a bicycle also includes the steps of:

said front engagement mechanism having an open end; and

engaging said open end of said front engagement mechanism around the handlebar stem of a bicycle.

15. The method of claim 13 wherein said step of attaching said rear clamp to the seat post of the bicycle includes the step of:

said rear clamp including a vertical swivel; and

adjusting said vertical swivel on said rear clamp until said central frame member is substantially horizontal.

16. The method of claim 13 wherein said step of securing a child in said child's bicycle seat includes the steps of:

said child's bicycle seat having a harness system; and

securing said harness system around the child to securely retain a child in said bicycle seat.

17. The method of claim 13 wherein said step of securing a child in said child's bicycle seat includes the steps of:

said child passenger system having adjustable foot rests; and
adjusting said adjustable foot rests so a child can comfortably rest their feet.

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18. The method of claim 13 wherein said step of securing a child in said child's bicycle seat includes the steps of:

providing a handlebar on said child passenger system for a child to grasp during a bicycle ride.

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19. The method of claim 13 wherein said method further includes:

providing a quick release on said rear clamp to enable said central frame member to be easily removed.

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20. The method of claim 13 wherein said method further includes:

providing an adjustable length mechanism on said central frame member to accommodate differing sizes and designs of bicycles.